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[US/US]; 19115 Prospect Ridge Lane, Houston, TX 77094
(US). COSTA, Scott [US/US]; 2011 Willow Point, King-
wood, TX 77330 (US).

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(74) Agent: MATTINGLY, Todd; Haynes and Boone, LLP,
901 Main Street, Suite 3100, Dallas, TX 75202 (US).

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(71) Applicant (for all designated States except US): ENVEN-
TURE GLOBAL TECHNOLOGY [US/US]; 16200 A
Park Row, Houston, TX 77084 (US).

(72) Inventors; and

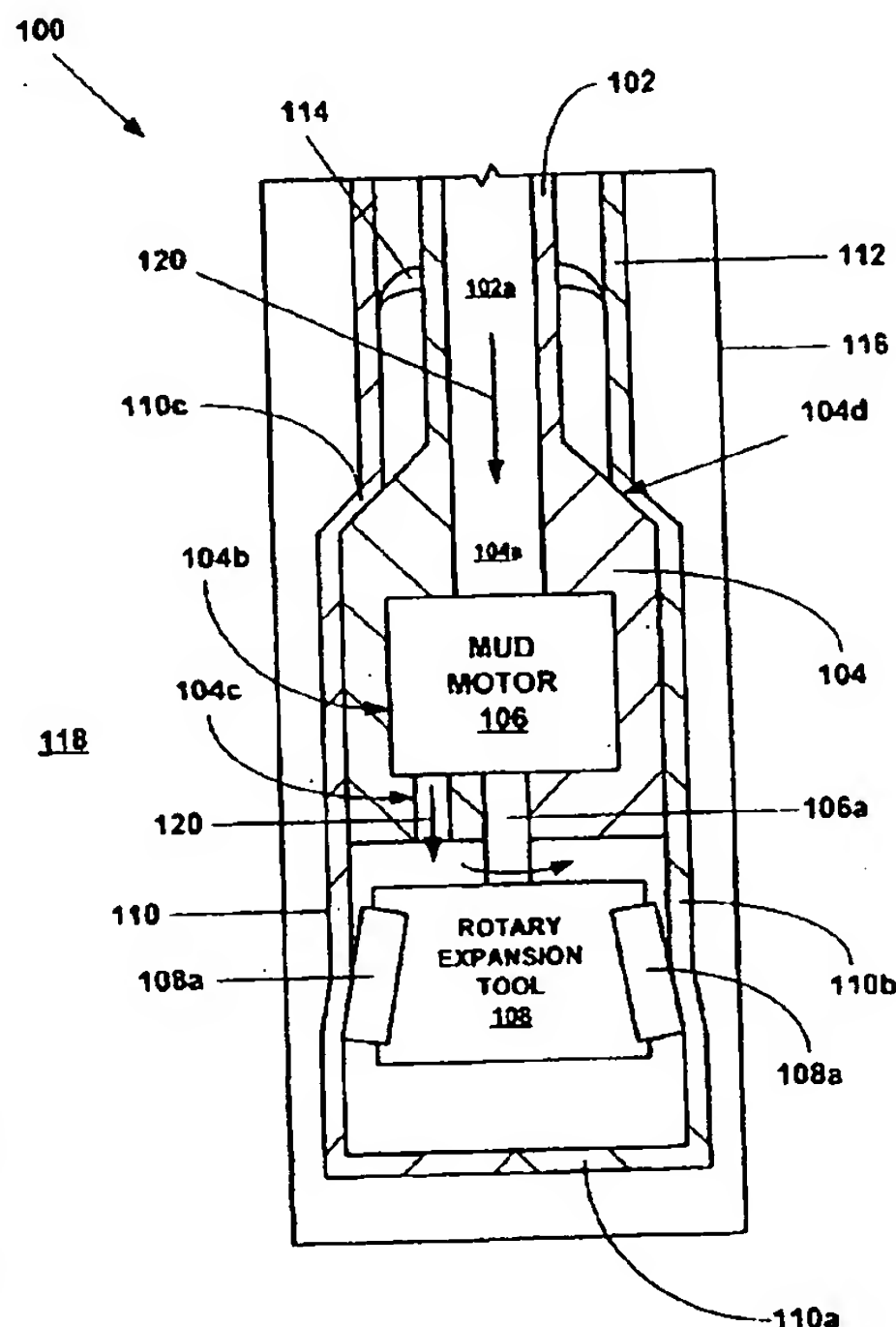
(75) Inventors/Applicants (for US only): SHUSTER, Mark

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(54) Title: APPARATUS AND METHOD RADially EXPANDING A WELLBORE CASING USING AN EXPANSION MAN-
DREL AND A ROTARY EXPANSION TOOL

(57) Abstract: An apparatus and method for radially expanding
a wellbore casing (112) using an expansion mandrel (104) and a
rotary expansion tool (108).



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A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 166/380, 382, 207

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,785,193 A (KINLEY et al) 15 January 1974 (15/01/1974), Figures 1-3.	2, 4-6 and 8-15
X	US 2,627,891 A (CLARK) 10 February 1953 (10/02/1953), Figures 1 and 4.	2, 4-6 and 8-15
A, P	US 6,543,552 A (METCALFE et al) 08 April 2003 (08/04/2003), Figures 1-7.	1-15
A	US 3,818,734 A (BATEMAN) 25 June 1974 (25/06/1974), see Figure 1.	1-15
A	US 2003/0024711 A1 (SIMPSON et al) 06 February 2003 (06/02/2003), Figure 2	1-15



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Mail Stop PCT, Attn: ISA/US
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Facsimile No. (703) 305-3230

Authorized officer

Hoang Dang

Telephone No. 703-308-2168